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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/526,848	09/29/2005	Ling Wang	US02 0306 US	9363
24737 7590 01/02/2008 PHILIPS INTELLECTUAL PROPERTY & STANDARDS P.O. BOX 3001 BRIARCLIFF MANOR, NY 10510			EXAMINER TRINH, TAN H	
			ART UNIT 2618	PAPER NUMBER
			MAIL DATE 01/02/2008	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/526,848	<b>Applicant(s)</b> WANG, LING	
	<b>Examiner</b> TAN TRINH	<b>Art Unit</b> 2618	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 29 September 2005.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 03 March 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                  | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Information Disclosure Statement*

1. The information disclosure statement (IDS) submitted on 03-03-2005, the information disclosure statement has been considered by the examiner.

### *Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-20 are rejected under 35 U.S.C. 102(b) as being anticipated by Mosebrook (U.S. Patent No. 5, 905,442).

Regarding claims 1 and 11, Mosebrook teaches a lighting control network (10), comprising: a remote control unit (20, 40) having a RF signal transmitter and a RF signal receiver (see fig. 1, remote control unit (20, 40) with two way RF link, and antenna 24 and TX/RX, col. 11, lines 36-39); and a plurality of lighting control units (50, or 20, 30 and 40, col. 11, lines 65-col. 12, lines 5), each of the lighting control units having a RF signal transmitter, a RF signal receiver, and a lighting unit (50) associated therewith (see fig. 1, col. 65-col. 12, lines 34), wherein the remote control unit and the plurality of lighting control units are configured in a master-slave oriented network (see fig. 1-2, col. 12, lines 35-49), one of the plurality of lighting control units and the remote control unit being configured as a master (20 and 30) in the network and remaining lighting control units of the plurality of lighting units and the remote control unit

being configured as slaves (40 and 50) in the network (see fig. 1 and 9, col. 12, lines 2-11, col. 16, lines 46-col. 17, lines 5), and the plurality of lighting control units and the remote control unit communicating bi-directionally with each other via a RF wireless link (see fig. 1, 9, 23-27. two way RF link, and antennas 24, 209, 326, 409 and 526, TX/RX, col. 11, lines 65-col. 12, lines 11, and col. 32, lines 3-14 and abstract lines 1-22).

Regarding claims 2 and 12, Mosebrook teaches a sensor for sensing a parameter and transmitting a status of the parameter to the master (see col. 29, lines 36-46 and col. 33, lines 60-col. 34, lines 9). In this case, the sensors communications with the master stations.

Regarding claims 3 and 13, Mosebrook teaches the sensor is selected from the group consisting of: an ambient light sensor, a motion sensor, an occupancy sensor, a temperature sensor, and a combination thereof (see occupancy sensor on col. 34, lines 1-4).

Regarding claims 4 and 14, Mosebrook teaches the sensor communicates via a RF wireless link with the master (see col. 33, lines 60-col. 34, lines 13). In this case, the sensor communicates via a RF wireless link with the master, since the control lighting fixtures remotely without rewiring, and the occupancy sensor input/output device communication with master with RF signal.

Regarding claims 5 and 15, Mosebrook teaches the master (20 and 30) is one of the plurality of lighting control units and controls the lighting unit associated therewith in response to receiving the status of the parameter (see fig. 1, abstract lines 1-22, and col. 1, lines 35-50).

Regarding claims 6 and 16, Mosebrook teaches a user interface control on the remote control unit is associated with at least one of the plurality of lighting control units (see col. 2, lines 1-30, and col. 33, lines 60-67). In this case, the remote control unit is associated with at least one of the plurality of lighting control units interface on the user program and control interface with wall outlet or power socket and repeater, and also interface with other electrically operated devices, security system, HVAC systems, PC's, motor appliances, TV, phone lines audio visual systems. e.g., that is the user interface control on the remote unit.

Regarding claims 7 and 17, Mosebrook teaches the slaves (50 and 40) communicate directly with the master (20) via RF wireless communication (see fig. 1, the slaves (50 and 40) communicate directly with the master (20) via two way RF link wireless communication).

Regarding claims 8 and 18, Mosebrook teaches a central control master (30) for interfacing multiple instances of the lighting control network together (see fig. 9, col. 16, lines 64-col. 17, lines 5).

Regarding claims 9 and 19, Mosebrook teaches the network combines a RF communication protocol and a lighting control protocol (fig. 18, col.24, lines 44-65). In this case,

the communication protocol is between master and slave or repeater and the assignment command on-off status bit map is the lighting control protocol.

Regarding claims 10 and 20, Mosebrook teaches a mechanism (30 and 40) for selecting back-up to the master (20) (see fig. 1 and 9, col. 11, lines 39-53, and col. 12, lines 1-11, and col. 57-col. 17, lines 5). In this case, the second master (30) or the repeater (40) can be back-up controller for master 20 to controlling the system.

### ***Conclusion***

**4. Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**or faxed to:**

**(571) 273-8300, (for Technology Center 2600 only)**

*Hand-delivered responses should be brought to the Customer Service Window (now located at the **Randolph Building, 401 Dulany Street, Alexandria, VA 22314**).*

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tan Trinh whose telephone number is (571) 272-7888. The examiner can normally be reached on Monday-Friday from 9:30 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiners supervisor, Anderson, Matthew D., can be reached at (571) 272-4177.

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The fax phone number for the organization where this application or proceeding is assigned is **(571) 273-8300**.

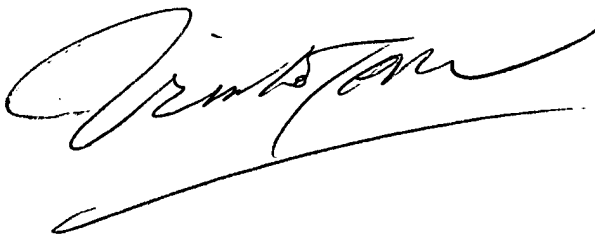
Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the **Technology Center 2600 Customer Service Office** whose telephone number is **(703) 306-0377**.

6. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Tan H. Trinh  
Division 2618  
December 25, 2007

**PATENT EXAMINER**

**TRINH, TAN**

A handwritten signature in black ink, appearing to read 'Tan H. Trinh', with a long horizontal flourish extending to the right.